

Size: 1,501 acres
Mission: Provide logistical support for ships and service craft; overhaul, repair, and outfit ships and craft; conduct research and development; test and evaluate shipboard systems
HRS Score: NA
IAG Status: None
Contaminants: Petroleum/oil/lubricants, heavy metals, PCBs, solvents, and VOCs
Media Affected: Groundwater and soil
Funding to Date: \$19.8 million
Estimated Cost to Completion (Completion Year): \$0.9 million (FY2009)
Final Remedy in Place or Response Complete Date for BRAC Sites: FY1999



Philadelphia, Pennsylvania

Restoration Background

The Philadelphia Naval Complex comprises the Philadelphia Naval Shipyard, the Philadelphia Naval Station, and the Philadelphia Naval Hospital. In December 1988, the BRAC Commission recommended closure of the Philadelphia Naval Hospital. In July 1991, it recommended closure of the Philadelphia Naval Station and the Philadelphia Naval Shipyard. The BRAC 1995 amendment deleted preservation of the naval shipyard to provide for emerging requirements. A significant portion of the shipyard property now is scheduled for disposal.

Site types at the complex include landfills, oil spills, and disposal areas that have released petroleum/oil/lubricants and heavy metals into groundwater and soil. A Preliminary Assessment and Site Investigation (PA/SI) completed in FY88 identified 15 sites.

In FY90, the installation completed Remedial Investigation and Feasibility Study (RI/FS) activities at four sites and began RI/FS activities for eight sites and Remedial Design and Remedial Action (RD/RA) activities for four sites. The first phase of remediation was completed in FY92, and a Record of Decision (ROD) was signed for four sites. In FY93, two Interim Remedial Actions (IRAs) were completed at six sites.

In FY90, four underground storage tank (UST) sites were identified. Removal Actions were conducted at three of the four sites. In FY92, a RCRA Facility Assessment identified 167 solid waste management units (SWMUs) and 15 areas of concern (AOCs). The Navy began a focused RCRA Facility Investigation (RFI) to address 15 SWMUs and AOCs. Environmental Baseline Surveys (EBSs) were completed for the hospital in FY94 and for the shipyard and naval station in FY95. An EBS Phase II investigation required study of 57 areas at the complex. Twenty-

one areas require further evaluation. During FY95, the installation signed an amended ROD, completed remediation of four sites, completed an RI and an IRA for Site 4, and initiated Removal Actions at two UST sites at the hospital. During FY96, the installation completed RA at four sites, closed out two sites, completed a design and remedy for an RA at one UST site, initiated Removal Actions at four sites, and drafted and submitted an Environmental Impact Statement.

In FY97, the installation began the riverbank stabilization at Site 5 and the sand blasting grit removal at Site 2, completed RDs at one UST site, completed remedial activities at two other UST sites, initiated two RAs, and completed two RAs. The installation also closed two sites and completed the corrective measures implementation and the RFI for an SWMU.

The complex formed a technical review committee in FY89. The installation also established a Restoration Advisory Board. In FY95, an information repository was established and the community relations plan was written. The complex formed a BRAC cleanup team and prepared a BRAC Cleanup Plan (BCP) in FY94. The BCP was revised in FY97.

FY98 Restoration Progress

A finding of suitability to transfer (FOST) was signed for an approximately 800-acre parcel. A finding of suitability to lease (FOSL) was signed for a 90-acre parcel for use by a major international shipbuilder. Completion of RAs was delayed to expedite signing of this FOSL.

RODs were signed for Sites 1, 2, and 15, and a decision document was signed to implement institutional controls on naval station property for nonresidential use.

Plan of Action

- Complete all RAs in FY99
- Sign a FOST for each of two remaining BRAC parcels in FY99

SITES ACHIEVING RIP OR RC PER FISCAL YEAR

